



RecyclingWorks in Massachusetts

Organics Subcommittee

December 11, 2014



Lorenzo Macaluso-Director of Green Business Services

Recycling Works in Massachusetts

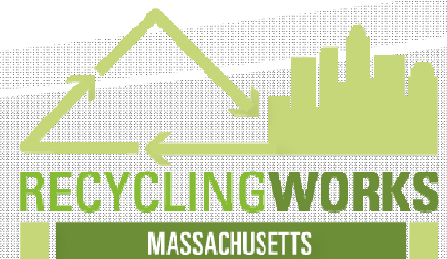
- Helps businesses and institutions
 - Maximize waste diversion
 - Save money
 - Waste Ban Compliance - **now includes commercial food waste!**
 - Customer/Employee satisfaction
- Funded by MassDEP, delivered under contract by the Center for EcoTechnology



RecyclingWorks in Massachusetts

Services include:

- Online Resources
- Email and Phone Hotline
- Technical Assistance
- Events and Workshops
- WasteWise Program Administration





Online Resources

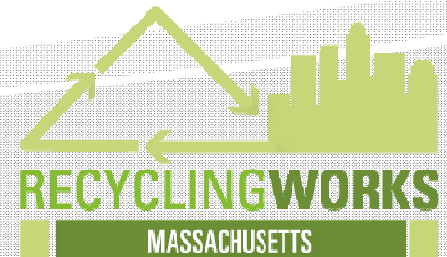




RecyclingWorks Website

Website Usage July-November, 2014

1. 28, 829 Visits to the site
2. 24, 135 Users
3. 82% New Users
4. 63, 422 Pages viewed

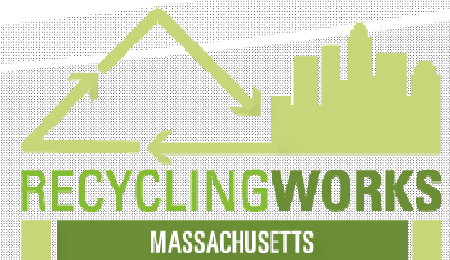




RecyclingWorks Website

Most Popular Pages:

1. Find a Recycler-database
2. How to-Plastics
3. How to- Food Waste
4. Commercial Organics Waste Ban
5. How to - Cardboard





Estimating Food Waste

[HOME](#) [FIND A RECYCLER](#) [FOOD WASTE](#) [LEARN MORE](#) [HOW TO](#) [WASTEWISE](#) [NEWS/EVENTS](#) [ABOUT](#)

How to Estimate Food Waste from the Commercial Organic Waste Ban

A Guide for Businesses and Institutions in Massachusetts

Massachusetts' Commercial Organic Waste Ban, effective January 1, 2014, will require all businesses and institutions disposing of organic material per week to divert that organic material from disposal and answers to frequently asked questions about the ban itself.

So, how can you tell if your business is complying with the ban?

The most accurate ways to estimate food waste are through daily tracking programs and composting. However, these can take time and may require contracting or purchasing equipment. There are a number of simpler methods to estimate your food waste.

If you need assistance at any point, please call the RecyclingWorks hotline at (888) 254-5525 or info@recyclingworksma.com.

COMPLY WITH THE ORGANICS WASTE BAN

ESTIMATE YOUR FOOD WASTE

REDUCE YOUR FOOD WASTE

DONATE FOOD

HEALTH DEPARTMENT GUIDANCE

UPCOMING EVENTS





Webinar: Composting is a Team Sport - Greening Stadiums and Arenas
09 / 17 / 2014

R3 Webinar - Diversion Options for Mattresses
09 / 25 / 2014

Students For Zero Waste Summit
10 / 3 / 2014
Durham

SWANA Recycling and Solid Waste Conference
10 / 7 / 2014
Barnstable

Find a Recycler



Use our [Recycler Database](#) to find a Processor or a Hauler for the materials you need recycled.

Search by material, zip code or key word to get a full list of Recyclers.

What is Commercial Organic Material as defined by the waste ban?

Food Material
Includes but is not limited to: fruits, vegetables, grains, fish, and animal products and byproducts.

Vegetative Material
Plant material

General Conversions

1 ton = 2,000 lbs
Commercial-Industrial waste
1 yd³ (cubic yard) = 300 to 600 lbs
Food scraps
55 gallons = 200 to 450 lbs

Based on EPA's standard volume-to-weight conversions.



Options for Compliance

[HOME](#) [FIND A RECYCLER](#) [FOOD WASTE](#) [LEARN MORE](#) [HOW TO](#) [WASTEWISE](#) [NEWS/EVENTS](#) [ABOUT](#)

Options for Compliance with the Commercial Organics Waste Ban

The Massachusetts Department of Environmental Protection (DEP) has established a solid waste disposal ban that would apply to businesses and institutions disposing of one ton or more of food waste per week, effective October 1, 2014. Businesses and institutions have already taken steps to reduce food waste, but the DEP has identified several different options. In the process, they sometimes reduce purchasing costs, sometimes reduce disposal cost and the RecyclingWorks assistance program can help you take the next step in starting or improving a food waste management program.

This page summarizes the array of options available to businesses and institutions to divert food waste from the landfill and help you take the next step in starting or improving a food waste management program.

COMPLY WITH THE ORGANICS WASTE BAN

ESTIMATE YOUR FOOD WASTE

REDUCE YOUR FOOD WASTE

DONATE FOOD

HEALTH DEPARTMENT GUIDANCE

Reduce

Reduce the total volume of food waste generated

↓

Donate

Donate unused food to people through food banks, soup kitchens, and shelters

↓

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Waste Bans and Compliance

[HOME](#)[FIND A RECYCLER](#)[FOOD WASTE](#)[LEARN MORE](#)[HOW TO](#)[WASTEWISE](#)[NEWS/EVENTS](#)[ABOUT](#)

Waste Bans and Compliance

Waste Bans and Your Business

In an effort to reduce the volume and toxicity of trash disposed of in Massachusetts and ensure consistent volumes of materials for recycling markets, the Massachusetts Department of Environmental Protection (Mass DEP) has implemented waste bans on certain hazardous, recyclable, and compostable materials. The restrictions (or bans) on disposal began in 1990, and material types have been added over time to eliminate the most prevalent materials in the waste stream for which there are viable alternatives to disposal.



UPCOMING EVENTS

Massachusetts WasteWise Forum

12 / 10 / 2014

Springfield

SWAC Organics Subcommittee Meeting

12 / 11 / 2014

Boston

Find a Recycler





Find-A-Recycler Directory

[HOME](#) [FIND A RECYCLER](#) [FOOD WASTE](#) [LEARN MORE](#) [HOW TO](#) [WASTEWISE](#) [NEWS/EVENTS](#) [ABOUT](#)

FIND A RECYCLER

Choose your Material

All

Choose a Hauler or Processor

All

Zip Code

Enter autocomplete keywords


Search...

SEARCH

Looking for a recycler or composter for your business?
You've found the right tool.

Welcome to the RecyclingWorks in Massachusetts Recycling Provider Search, a database of recyclers servicing your area.

- Use the search box above to refine your search based on *material category*, *zip code* or *key word*.
- Choose whether you want a *hauler*, who will pick up materials or a *processor*, who will accept materials that you drop off or mail in.
- If you enter your zip code, the search result will display with a proximity filter — the closest ones to your location will display first. If your search is more general, results will be displayed alphabetically.
- Your search results will take you to a Map Page where the results are displayed. You can learn more about a specific Recycler by clicking on their name, or clicking on the "thumb tack" on the map. You can also adjust the map view to zoom in or out.



Please keep in mind that for certain materials, recycling companies may be located outside of Massachusetts but will still serve your area.

The Center for EcoTechnology (CET) and MassDEP produced this list to help businesses find recycling service providers. Listing does not imply a recommendation or endorsement by CET or MassDEP.



Best Management Practices

[HOME](#) [FIND A RECYCLER](#) [FOOD WASTE](#) [LEARN MORE](#) [HOW TO](#) [WASTEWISE](#) [NEWS/EVENTS](#) [ABOUT](#)

Local Health Department Food Waste Separation

The RecyclingWorks in Massachusetts develop recommended Best Management Practices and inform local oversight of commercial organics waste disposal ban will prohibit one ton or more of food waste per week. This language and these practices may serve as a resource to businesses. The RecyclingWorks program will consider suggestions should be sent to info@recyclingworks.org

Two meetings with local health officials in Worcester (March 28th, 2013). A survey of 100 public health professionals, yielding 17 responses. RecyclingWorks presented an early draft to the MassDEP Organics Subcommittee meeting held on June 10. In addition, a draft document was shared with representatives of all of the major public health organizations in Massachusetts, who were given a chance to provide comments. This BMP document is based on the results of this process.

COMPLY WITH THE ORGANICS WASTE BAN for Commercial

ESTIMATE YOUR FOOD WASTE


REDUCE YOUR FOOD WASTE

DONATE FOOD

HEALTH DEPARTMENT GUIDANCE

Kitchen Separation

Recommended practices for source separation, starting in the kitchen



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Find a Recycler



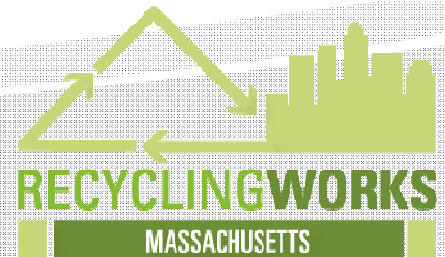
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RecyclingWorks to Initiate Donation BMPs

- RecyclingWorks will develop BMPs for food donation programs
- RecyclingWorks will hold focus group discussions with:
 - a) State and Municipal Health Departments
 - b) Food Donation Organizations





New RecyclingWorks Website

Content:

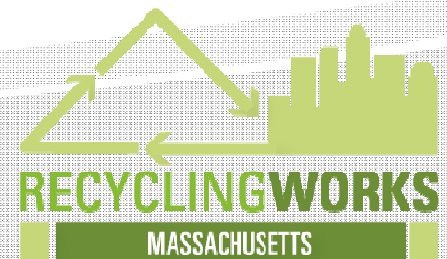
- News/Events
- How to-Estimate Food Waste, Guidance for Businesses
- BMPs-Guidance for Commercial Food Waste Separation
- How to-Food Donation for Businesses
- Map-Food Waste Processors in MA
- De-packaging Guidance
- On-site Systems Guidance-Coming Soon –
Should be today!

RecyclingWorks Hotline



Hotline Intakes, FY12-FY15

- Fiscal Year 2012: 138
- Fiscal Year 2013: 301
- Fiscal Year 2014: 468
- Fiscal Year 2015 July – November: 345



Hotline Leads to Technical Assistance

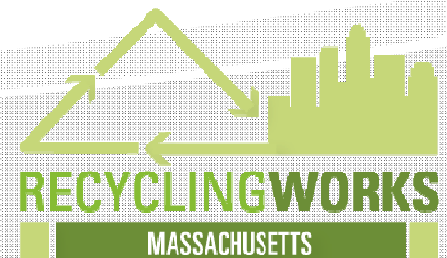


NON Compliance Calls for Waste Generators:

- RecyclingWorks number is included on NON
- Waste generators are instructed to call RecyclingWorks for Technical Assistance

Technical Assistance for Food Waste Generators Hotline Calls:

- Hospitality Industry
- State Facilities
- Manufacturing Facilities
- Schools and Institutions

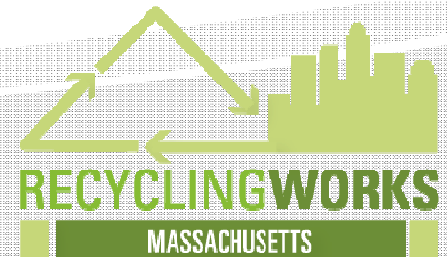


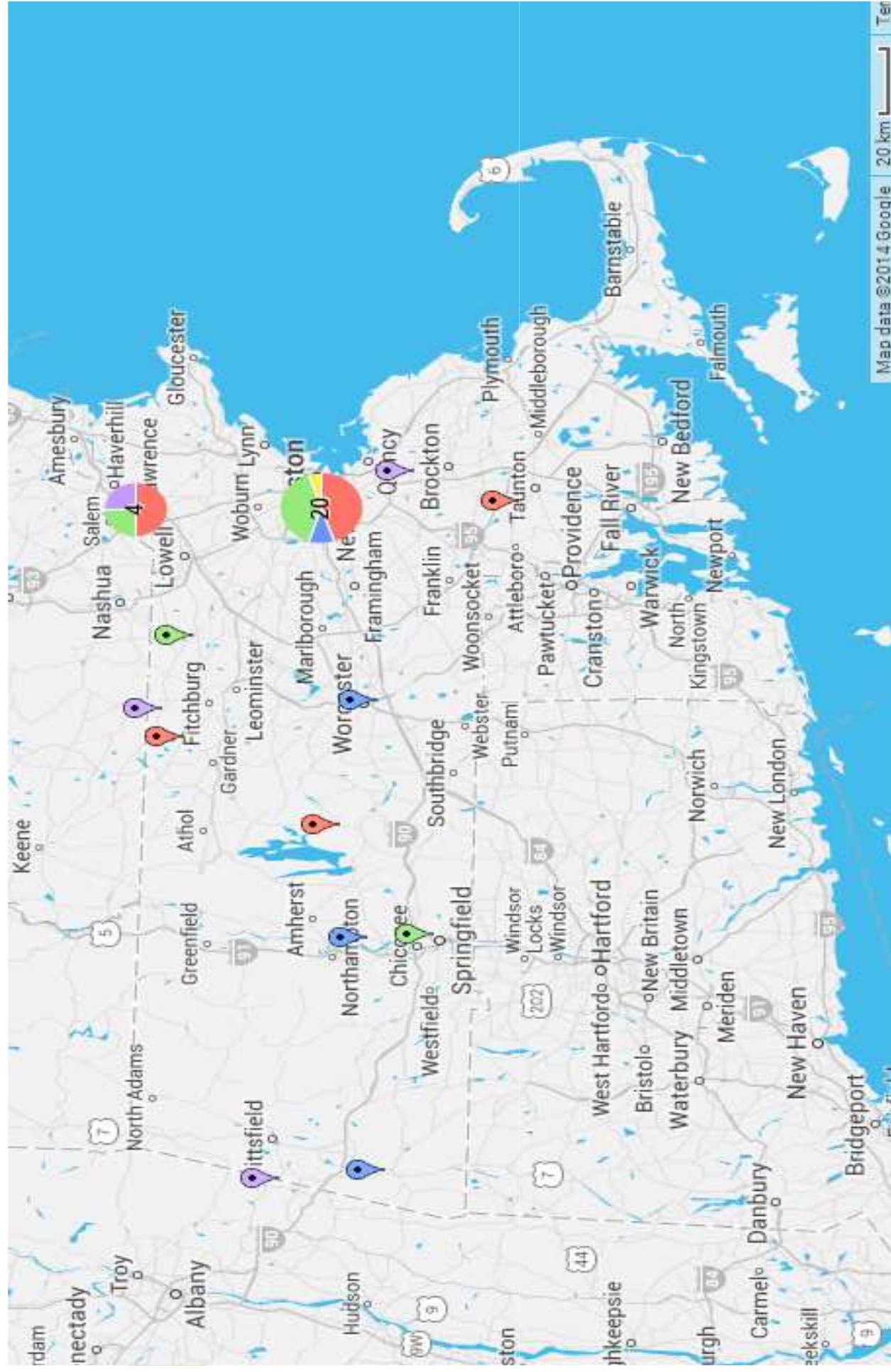


RecyclingWorks Technical Assistance

FY15 July- November, 2014:

- 22 new businesses and institutions are receiving assistance
- 68 businesses and institutions are receiving assistance





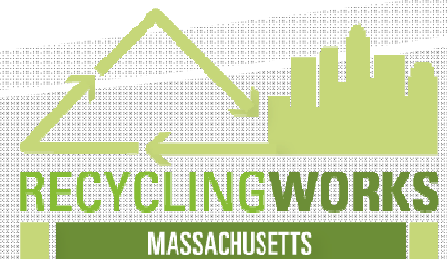
534 RW Technical Assistance 537A RW Special Projects - Hospitality

537B RW Special Projects - Food Waste Generators Subject to Ban 537C RW Special Projects - State Facilities 539 Mini TA



Total Waste Diverted (tons) July-November, 2014

- Composted: 4,180
 - 16 generators, 37 locations
- Recycled: 2,498
- Reused: 25

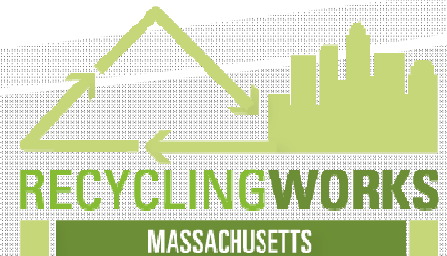


Recycling Works, Outreach and Events



Massachusetts WasteWise Forum: *Diversion and Reduction Through Reuse*

- December 10, 2014
- 8:30am-12:00pm
- Held at CET's EcoBuilding Bargains
- Over 30 people in attendance
- Attended by waste professionals, haulers, and reuse specialists





Additional Information

Visit our website at
www.recyclingworksma.com

RecyclingWorks Hotline
(888) 254-5525 info@recyclingworksma.com

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